Abstract

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The invention concerns a method for allocating bandwidth on demand to a constant bit rate connection (63 to 65) in a wireless MAN access network, in particular in a LMDS access network, as well as a transmitter (20) and a subscriber station (2) for such a network. The transmitter (20) sends data packets to the receiver (1); the data packets comprise a parameter indicating whether additional bandwidth is required for jitter compensation. Additional bandwidth is allocated to the connection (63 to 65) based on said parameter. The transmitter (20) set this parameter based on the time data has spent in a transmit queue assigned to the constant bit rate connection (63 to 65) at the transmitter (20).

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